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Amendments to the Claims:

The text of all pending claims, (including withdrawn claims) is set forth below. Canceled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (canceled), (withdrawn), (new), (previously presented), or (not entered).

Applicants reserve the right to pursue any canceled claims at a later date.

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) An arrangement for a wireless connection of terminal devices to a communication system, comprising:

a data packet network for the transmission of data packets using network addresses valid within the network;

~~at least one a~~ transition device coupled to the data packet network, ~~to which at least one the~~ transition device comprises a short-range radio module is coupled, the transition device having and a coupling table, the short-range radio module locates a terminal device within range of the module, the coupling table includes ~~with terminal device addresses~~ an address of the located terminal device ~~devices located within the radio range of at least one short-range radio module;~~

a server coupled to the data packet network ~~for controlling~~ controls connections to the terminal ~~devices~~ device and controls roaming for the terminal device, the server ~~having~~ includes an allocation table ~~comprising~~ that comprises for each transition device: an aligned copy of the coupling table and a network address for the respective transition device such that the address is associated with the copied table; and

a packet-based alignment protocol for the dynamic alignment of the allocation table with the coupling table,

wherein via the alignment protocol a content of the coupling table is transmitted to the server to dynamically update the allocation table thereby aligning the copy of the coupling table in the allocation table.

2. (previously presented) An arrangement in accordance with Claim 1, wherein the data packet network is realized by a network based on an Internet protocol.

3. (currently amended) An arrangement in accordance with claim 1, wherein the transition device ~~comprises~~ further comprises a translator for translation between a network protocol used in the data packet network and a protocol specific to a ~~the~~ short-range radio module.

4. (currently amended) An arrangement in accordance with Claim 3, wherein the translator ~~comprises~~ further comprises a detection device ~~unit~~ for detecting, via the network protocol used, which terminal device-specific application a connection to a terminal device is allocated to, in order to be able to perform an application-specific protocol conversion accordingly.

5. (previously presented) An arrangement in accordance with Claim 3, wherein the protocol specific to a radio module having a specific voice interface and a specific data interface

6. (currently amended) An arrangement in accordance with claim 1, wherein a ~~module based on an IEEE 802.15.1 standard is used as a~~ the short-range radio module is based on an IEEE 802.15.1 standard.

7. (currently amended) An arrangement in accordance with claims 1, wherein a ~~locating device uses the allocation table~~ is used for determining a momentary location of a particular terminal

8. (previously presented) An arrangement in accordance with claim 1, wherein a gateway device is coupled to the data packet network for coupling the data packet network to a forwarding communication network.

9. (previously presented) An arrangement in accordance with claim 1, further comprising a headset as a terminal device for voice connections.

10. (previously presented) An arrangement in accordance with claim 1, further comprising a PDA (Personal Digital Assistant) as a terminal device for data connections.

11. (previously presented) An arrangement in accordance with claim 1, further comprising a PDA (Personal Digital Assistant) as a terminal device for entering destination addresses for outgoing connections and for initiating those connections.

12. (previously presented) An arrangement in accordance with claim 2, wherein the transition device comprises a translator for translation between a network protocol used in the data packet network and a protocol specific to a radio module.

13. (previously presented) An arrangement in accordance with Claim 4, wherein the protocol specific to a radio module having a specific voice interface and a specific data interface.

14.17. (canceled)

18. (new) An arrangement in accordance with claim 1, wherein the address of the detected terminal is a telephone number.

19. (new) A method for a wireless connection of terminal devices to a communication system, comprising:

detecting a terminal located within range of a short-range radio module integrated within a gateway;

storing a address of the detected terminal in a coupling table of the gateway;

transmitting a data content of the coupling table from the gateway to a server; and

updating an allocation table in the server to associate the address of the gateway to the transmitted data content,

wherein the transmission uses an alignment protocol for the purpose of aligning the coupling table and the allocation table, and

wherein the allocation table is used for roaming, handover, or roaming and handover of the terminal device.

20. (new) The method in accordance with Claim 19, wherein the address of the detected terminal is a telephone number.

21. (new) The method in accordance with Claim 19, wherein the address of the detected terminal is an e-mail address.

22. (new) The method in accordance with Claim 19, wherein the address of the detected terminal is an universal resource locator.

23. (new) The method in accordance with Claim 19, wherein the address of the detected terminal is an Internet Protocol address.

24. (new) The method in accordance with Claim 19, wherein the address of the gateway is an Internet Protocol address.